



water & sanitation

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Water and Sanitation
REPUBLIC OF SOUTH AFRICA

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Ref: WP11354

BID NO AND DESCRIPTION: WP11354 APPOINTMENT OF A PROFESSIONAL SERVICE PROVIDER TO UNDERTAKE THE DETERMINATION OF WATER RESOURCE CLASSES, RESERVE AND THE RESOURCE QUALITY OBJECTIVES IN THE KEISKAMMA AND FISH TO TSITSIKAMMA CATCHMENTS WITHIN THE MZIMVUBU-TSITSIKAMMA MANAGEMENT AREA

Questions raised by prospective bidders and the answers

RE: WP11354

With regards to tender no WP11354, please can you confirm the following:

1. Please can you provide the documents referred to in the terms of reference regarding the list of previous determinations for the catchment?
 - ✓ Should you require any documents for the past studies please visit: www.dwa.gov.za/rdm/default.aspx
 - ✓ The requested documents will not affect your bidding. The reports within the department will be sourced for the successful bidder upon request.

2. Please indicate the number of sites, and expected level of confidence, that you anticipate for this study?
 - ✓ It is very important for bidders to know the study area (including sites in the area) and requirements to undertake classification studies.
 - ✓ The Water Resource Classification System, (WRCS) prescribes steps that need to be taken to determine the water resource classes, resource quality objectives and the Reserve. The WRCS was gazetted in Regulations 810 through Government Gazette 33541 dated 17 September 2010. Part of the steps involved determination of the sites. Therefore the Department cannot at this stage prescribe how many sites, the appointed bidder will have to determine and agreement be made together with the stakeholders of the catchment area. Hence it is important to familiarize yourself with the study area. The expected confidence is high level.

3. Please indicate the number of sectoral workshops that should be planned for? In the terms of reference, mention is made of at least 1 workshop per sector – this is insufficient information to plan and budget for this item?
 - ✓ The same applies, as bidder you are expected to understand the study area (including different sectors) to perceive the number of sectoral workshops you may

require. However, maximum of 6 sectoral workshops were undertaken in the previous classification studies.

- ✓ This depends on the sectors and the size of the study area however from experience with other studies, 6 sector workshops are usually planned for.

4. Please could you send me either a map or a list of quaternary catchments to be included for the Keiskamma and Fish-Tsitsikamma study?

The study covers the following areas:

- ✓ Primary drainage regions P, Q, R, S, L, M and N.
- ✓ Tertiary drainage regions T11 to T13, T60, T70, T80, T90, K80 and K90
- ✓ Major rivers include: Mtata, Mbashe, Buffalo, Nahoon, Groot Kei and Keiskamma, Fish, Kowie, Boesmans, Sundays, Gamtoos, Kromme, Groot and Tsitsikamma
- ✓ The study excludes Mzimvubu catchment which is T31 to T36 (classification study completed in this catchment). The new study (Keiskamma and Fish to Tsitsikamma catchments) wants to complete ALL remaining catchments (as indicated in bullet number 3) in the new Mzimvubu to Tsitsikamma Water Management Area (WMA7).

5. I think there is going to be a problem with the proposals. The ToR does not specify that it includes the whole WMA7 except for T3, which I think was the intent, but instead specifically mentions the Fish to Tsitsikamma AND Keiskamma. The Buffalo River, for example, is never mentioned in the list of main rivers in the ToR, neither is the Mthatha or any of the other former Transkei river. There is only reference to R10, R40 and R50 of the Keiskamma (R) catchment. On carefully reading the ToR, we assumed the whole R primary (in addition to Fish-Tsitsikamma) was included. When re-reading again we became concerned about the missing references to R20 and R30 or the Buffalo River; which is when I called you for clarification. We definitely did not assume that the primary S and T catchments (excl T3, Mzimvubu), were included. **See below as taken from the ToR.**

The Keiskamma and Fish to Tsitsikamma catchments form a major part of the Mzimvubu to Tsitsikamma Water Management Area (WMA7). The Keiskamma and Fish to Tsitsikamma catchments fall mainly in the Eastern Cape Province and some parts in the Western Cape Province. The catchment covers an area of 99 263 km² in which the mean annual precipitation ranges from 450 mm/a in the north-western interior to more than 1 200 mm/a along the coast in the north-east. The Mzimvubu to Tsitsikamma WMA7 is comprised of several catchments: Mzimvubu, Sundays, Keiskamma, Fish, Tsitsikamma, Bushmans, Algoa and Gamtoos. For the purpose of this study the Mzimvubu catchment is excluded because there is a current active project to determine Classes and RQOs in the Mzimvubu catchment.

Keiskamma catchment

The Keiskamma River catchment area is one of the poorest and least developed parts of South Africa. This catchment consists of the R10, R40 and R50 quaternary tertiary catchments. The main river in the catchment is the Keiskamma River (R10), which has its headwaters in the mountains above Keiskammahoek and flows eastwards to enter the Indian Ocean at Hamburg. Its main tributary is the Tyume River with its headwaters in the Hogsback area. Smaller coastal rivers include the Chalumna and Gulu Rivers in the R40 area up the coast from the Keiskamma River, the Bira and Magwalana Rivers in the R50 area down the coast.

We are now very concerned that proposals are going to cover different study areas, with costings not comparable. If we cost for the entire WMA7, excluding T3 and others cost as in the ToR only, our bid will be substantially more expensive.

We would therefore like to request confirmation in writing that the study area description as shown below in the mail from DWS will form one of the bid selection technical criteria.

- ✓ I would like to confirm that the ToR does mention that the study area is WMA 7 excluding Mzimvubu catchment. Mzimvubu is excluded because the Department has completed the study and gazetted the classes and RQOs in the catchment area.
- ✓ For the purpose of this study, therefore the department is undertaking classification, Reserve and RQO study in WMA 7 excluding Mzimvubu catchment. The map is attached for ease of reference. We are currently working with our GIS team to shade the Mzimvubu part so that it is clear to everyone. This map will be uploaded on our Departmental website.

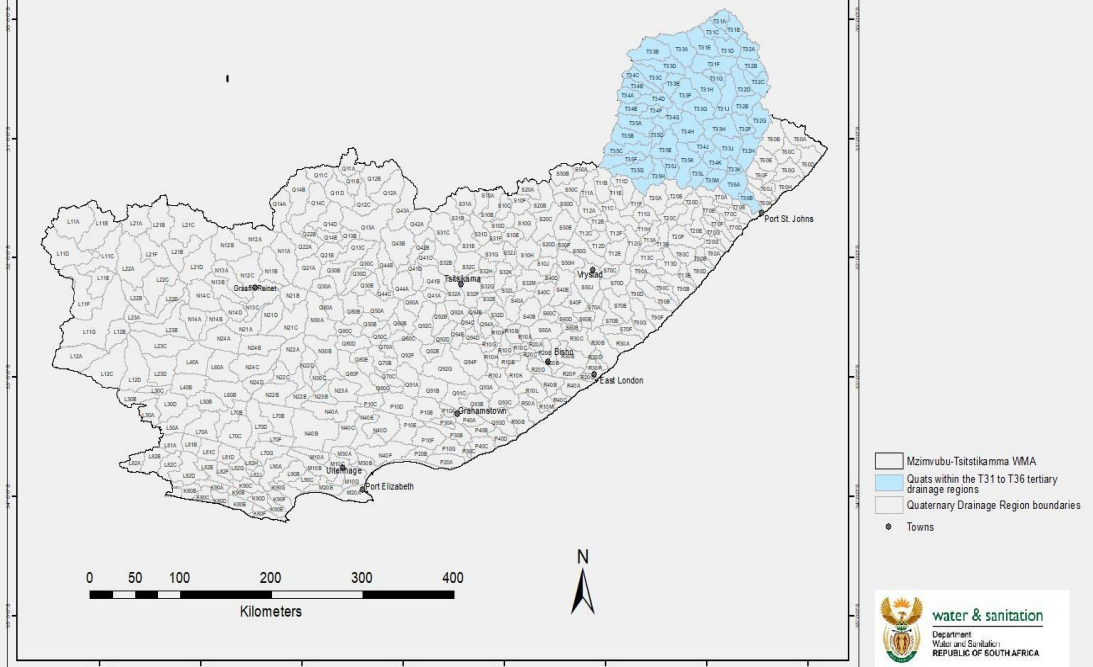
6. Could you kindly confirm whether you require an external reviewer for this study as no mention has been made in the tender document?

Furthermore, another questions pertaining to the study area, which is not clearly confirmed within the ToR. Please confirm whether the following catchments and main rivers should be included:

- R10, R40, R50 (Keiskamma and small coastal rivers)
- Q91, Q92, Q93, Q94 (Fish River with main tributaries of Little Fish, Koonap and Kat)
- P10, P20, P30, P40 (Kowie, Kariega, Boesmans and small coastal rivers)
- N10, N20, N30, N40 (Sondags)
- M10, M20, M30 (Koega, Swartkops and small coastal rivers)
- L10 – L90 (Gamtoos with main tributaries Groot, Baviaanskloof)
- K90 (Krom and small coastal rivers)
- K80A – K80F (Tsitsikamma and small coastal rivers)

- ✓ Please find the below attached a map of the study area in question. Please note that Mzimvubu Catchment is excluded for the purpose of this study because a study was undertaken and gazetted for classes and RQOs. Therefore the study area as mentioned in the Terms of Reference is the whole WMA 7 excluding Mzimvubu catchment, (T31-T36).
- ✓ I can confirm the catchments and main rivers below are for the study area.

QUATERNARY CATCHMENTS WITHIN THE MZIMVUBU-TSITSIKAMMA WATER MANAGEMENT AREA (WMA)



NB: The blue shaded part on the map is excluded from the study.